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SESSION

FULL ESTIMATED COST

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FILE 'EPFULL' ENTERED AT 11:10:10 ON 04 AUG 2005

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FILE 'RDISCLOSURE' ENTERED AT 11:10:10 ON 04 AUG 2005

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FILE 'USPATFULL' ENTERED AT 11:10:10 ON 04 AUG 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:10:10 ON 04 AUG 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polyether polymer#

L1 1725 POLYETHER POLYMER#

=> s l1 and (polyglycidyl ether# or polyglycidylether# or polyglycol ether# or polyglycolether# or polypentaethylene glycol# or pentaethyleneglycol#)

6 FILES SEARCHED...

L2 76 L1 AND (POLYGLYCIDYL ETHER# OR POLYGLYCIDYLETHER# OR POLYGLYCOL ETHER# OR POLYGLYCOLETHER# OR POLYPENTAETHYLENE GLYCOL# OR PENTAETHYLENEGLYCOL#)

=> s l2 and (fluorophenoxy or dinitrophenoxymethyl or pentafluoromethoxy? or dinitrophenoxy? or fluorobenzoyloxy? or dinitrobenzyloxy? or dicyanobenzoyloxy?)

L3 0 L2 AND (FLUOROPHENOXY OR DINITROPHENOXYMETHYL OR PENTAFLUOROMETHOXY? OR DINITROPHENOXY? OR FLUOROBENZYLOXY? OR DINITROBENZYLOXY? OR DICYANOBENZYLOXY?)

=> s l2 and eelctron withdrawing group#

L4 0 L2 AND EELCTRON WITHDRAWING GROUP#

=> s l2 and electron withdrawing group#

L5 10 L2 AND ELECTRON WITHDRAWING GROUP#

=> s l5 and (fluoro? or nitro? or acyloxy? or carboxyalkyl? or carboxyaryl? or formyl or thiocarbonyl or sulfonyl or ?sulfoxy or ?sulfodioxy)

4 FILES SEARCHED...

L6 10, L5 AND (FLUORO? OR NITRO? OR ACYLOXY? OR CARBOXYALKYL? OR CARBOXYARYL? OR FORMYL OR THIOCARBONYL OR SULFONYL OR ?SULFOXY OR ?SULFODIOXY)

=> d 16-101

'L54-999' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in

=> s polyether polymer# and (polyglycidyl ether# or polyglycidylether# or polyglycol ether# or polyglycolether# or polypentaethylene glycol# or polypentaethyleneglycol#)

7 FILES SEARCHED...

L1 76 POLYETHER POLYMER# AND (POLYGLYCIDYL ETHER# OR POLYGLYCIDYLETHER  
# OR POLYGLYCOL ETHER# OR POLYGLYCOLETHER# OR POLYPENTAETHYLENE  
GLYCOL# OR POLYPENTAETHYLENEGLYCOL#)

=> s l1 and electron withdrawing group#

7 FILES SEARCHED...

L2 10 L1 AND ELECTRON WITHDRAWING GROUP#

=> d l2 1-10

L2 ANSWER 1 OF 10 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

AN 2000:55868 EPFULL

DUPD 20010214 DUPW 200107

TIEN TRIFUNCTIONAL OLEFINIC-CAPPED POLYMERS AND COMPOSITIONS THAT INCLUDE  
SUCH POLYMERS.

TIFR POLYMERES TRIFONCTIONNELS A PROTECTION OLEFINIQUE ET COMPOSITIONS  
INCLUANT DE TELS POLYMERES.

TIDE TRIFUNKTIONELLE OLEFINISCHE GRUPPEN ENTHALTENDE POLYMERE UND DIESE  
POLYMERE ENTHALTENDE ZUSAMMENSETZUNGEN.

IN RIGHETTINI, Robin, F., 105 Kelly Court, Apex, NC 27502, US

PA LORD CORPORATION, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012,  
US

PAN 528907

LAF English

LA English

LAP English

TL German; English; French

DT Patent

PIT WOA1 International application published with search report

PI WO 2000077061 A1 20001221

DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AI EP 2000-939686 A 20000608

WO 2000-US15763 A 20000608

PRAI US 1999-330731 A 19990611

IC.VER 7

ICM C08F290-04

ICS C08F008-30; C08F008-34; C08C019-28; C08G085-00

AN 2000:55868 EPFULL

DUPD 20020529 DUPW 200222

TIEN TRIFUNCTIONAL OLEFINIC-CAPPED POLYMERS AND COMPOSITIONS THAT INCLUDE  
SUCH POLYMERS.

TIFR POLYMERES TRIFONCTIONNELS A PROTECTION OLEFINIQUE ET COMPOSITIONS  
INCLUANT DE TELS POLYMERES.

TIDE TRIFUNKTIONELLE OLEFINISCHE GRUPPEN ENTHALTENDE POLYMERE UND DIESE  
POLYMERE ENTHALTENDE ZUSAMMENSETZUNGEN.

IN RIGHETTINI, Robin, F., 105 Kelly Court, Apex, NC 27502, US

PA LORD CORPORATION, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012,  
US

PAN 528907

AG Weber, Thomas, Dr.Dipl.-Chem., Patentanwaelte von Kreisler-Selting-  
Werner, Postfach 10 22 41, 50462 Koeln, DE

AGN 75092

LAF English

LA English

LAP English

TL German; English; French

DT Patent

PIT EPA1 Application published with search report

PI EP 1189958 A1 20020327

WO 2000077061 20001221

DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AI EP 2000-939686 A 20000608

WO 2000-US15763            A    20000608  
 PRAI US 1999-330731        A    19990611  
 IC.VER 7  
 ICM C08F290-04  
 ICS C08F008-30; C08F008-34; C08C019-28; C08G085-00

AN 2000:55868        EPFULL  
 DUPD 20040818 DUPW 200434  
 TIEN TRIFUNCTIONAL OLEFINIC-CAPPED POLYMERS AND COMPOSITIONS THAT INCLUDE  
 SUCH POLYMERS.  
 TIFR POLYMERES TRIFONCTIONNELS A PROTECTION OLEFINIQUE ET COMPOSITIONS  
 INCLUANT DE TELS POLYMERES.  
 TIDE TRIFUNKTIONELLE OLEFINISCHE GRUPPEN ENTHALTENDE POLYMERE UND DIESE  
 POLYMERE ENTHALTENDE ZUSAMMENSETZUNGEN.  
 IN RIGHETTINI, Robin, F., 105 Kelly Court, Apex, NC 27502, US  
 PA LORD CORPORATION, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012,  
 US  
 PAN 528907  
 AG Weber, Thomas, Dr.Dipl.-Chem., Patentanwaelte von Kreisler-Selting-  
 Werner, Postfach 10 22 41, 50462 Koeln, DE  
 AGN 75092  
 LAF English  
 LA English  
 LAP English  
 TL German; English; French  
 DT Patent  
 PIT EPB1 Granted patent  
 PI EP 1189958            B1 20030827  
 WO 2000077061            20001221  
 DS AT DE FR GB IT  
 AI EP 2000-939686        A    20000608  
 WO 2000-US15763        A    20000608  
 PRAI US 1999-330731        A    19990611  
 REN DATABASE WPI Section Ch, Week 8708 Derwent Publications Ltd.,  
 London, GB; Class A81, AN 1987-054643 XP002148328 & JP 62 011784 A  
 (MATSUMOTO SEIYAKU KOGYO KK), 20 January 1987 (1987-01-20)  
 REP EP 136260            A  
 EP 142923            A  
 EP 200589            A  
 WO 9510544            A  
 WO 9713792            A  
 WO 9721735            A  
 WO 9813398            A  
 DE 2336517            A  
 DE 3325720            A  
 FR 2265773            A  
 GB 1374464            A  
 IC.VER 7  
 ICM C08F290-04  
 ICS C08F008-30; C08F008-34; C08C019-28; C08G085-00

L2 ANSWER 2 OF 10        PCTFULL    COPYRIGHT 2005 Univentio on STN  
 AN 2003068418 PCTFULL    ED 20030903    EW 200334  
 TIEN COATING LINE AND PROCESS FOR FORMING A MULTILAYER COMPOSITE COATING ON A  
 SUBSTRATE  
 TIFR LIGNE DE REVETEMENT ET PROCEDE SERVANT A CREER UN REVETEMENT COMPOSITE  
 MULTICOUCHE SUR UN SUBSTRAT  
 IN PURDY, Sean, 108 Pamela Drive, Allison Park, PA 15101, US;  
 SIMPSON, Dennis A., 204 Mingo Road, Wexford, PA 15090, US;  
 FOUKES, Richard J., 122 Sewickley Farm Circle, Mars, PA 16046, US;  
 AIKEN, David A., 189 Harshaville Road, Clinton, PA 15026, US;  
 ROWLEY, James P., 184 Murphys Bottom Road, Freeport, PA 16229, US  
 PA PPG INDUSTRIES OHIO, INC., 3800 West 143rd Street, Cleveland, OH 44111,  
 US [US, US]  
 AG ALTMAN, Deborah M., PPG Industries, Inc., One PPG Place, Pittsburgh, PA  
 15272, US  
 LAF English  
 LA English

DT Patent  
PI WO 2003068418 A2 20030821  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2003-US4245 A 20030213  
PRAI US 2002-60/356,520 20020213  
US 2003-10/366,222 20030213  
ICM B05D007-00

L2 ANSWER 3 OF 10 PCTFULL COPYRIGHT 2005 Univentio on STN  
AN 2000077061 PCTFULL ED 20020515  
TIEN TRIFUNCTIONAL OLEFINIC-CAPPED POLYMERS AND COMPOSITIONS THAT INCLUDE  
SUCH POLYMERS

TIFR POLYMERES TRIFONCTIONNELS A PROTECTION OLEFINIQUE ET COMPOSITIONS  
INCLUANT DE TELS POLYMERES

IN RIGHETTINI, Robin, F.RP : GNIBUS, Michael, M.

PA LORD CORPORATION

LA English

DT Patent

PI WO 2000077061 A1 20001221

DS W: AU BR CA CN IN JP MX AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

AI WO 2000-US15763 A 20000608

PRAI US 1999-09/330,731 19990611

L2 ANSWER 4 OF 10 USPATFULL on STN

AN 2004:207128 USPATFULL

TI Coating line and process for forming a multilayer composite coating on a  
substrate

IN Purdy, Sean, Allison Park, PA, UNITED STATES  
Simpson, Dennis A., Wexford, PA, UNITED STATES  
Foukes, Richard J., Mars, PA, UNITED STATES  
Aiken, David M., Clinton, PA, UNITED STATES  
Rowley, James P., Freeport, PA, UNITED STATES

PI US 2004159555 A1 20040819

AI US 2003-366222 A1 20030213 (10)

DT Utility

FS APPLICATION

LN.CNT 3314

INCL INCLM: 205/198.000

INCLS: 205/205.000; 205/209.000

NCL NCLM: 205/198.000

NCLS: 205/205.000; 205/209.000

IC [7]

ICM: C25D005-10

ICS: C23C028-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 10 USPATFULL on STN

AN 2003:45420 USPATFULL

TI Trifunctional olefinic-capped polymers and compositions that include  
such polymers

IN F. Righettini, Robin, Apex, NC, UNITED STATES

PI US 2003032732 A1 20030213

US 6562910 B2 20030513

AI US 2002-224885 A1 20020821 (10)

RLI Division of Ser. No. US 1999-330731, filed on 11 Jun 1999, GRANTED, Pat.  
No. US 6444757

DT Utility

FS APPLICATION

LN.CNT 1098

INCL INCLM: 525/302.000  
INCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000  
NCL NCLM: 525/302.000  
NCL NCLM: 525/302.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000

IC [7]

ICM: C08F265-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 10 USPATFULL on STN

AN 2003:33534 USPATFULL

TI Trifunctional olefinic-capped polymers and compositions that include  
such polymers

IN Righettini, Robin F., Apex, NC, United States

PA Lord Corporation, Cary, NC, United States (U.S. corporation)

PI US 6515078 B1 20030204

AI US 2002-224785 20020821 (10)

RLI Division of Ser. No. US 1999-330731, filed on 11 Jun 1999, now patented,  
Pat. No. US 6444757

DT Utility

FS GRANTED

LN.CNT 964

INCL INCLM: 525/302.000  
INCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/302.000;  
525/330.300; 525/331.900; 525/440.000; 525/445.000; 525/479.000;  
526/279.000; 526/310.000; 526/313.000; 526/320.000; 526/328.000;  
526/332.000; 526/335.000  
NCL NCLM: 525/302.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000

IC [7]

ICM: C08F265-04

EXF 525/54.3; 525/54.4; 525/59; 525/293; 525/302; 525/330.3; 525/331.9;  
525/440; 525/445; 525/479; 526/279; 526/310; 526/313; 526/320; 526/328;  
526/332; 526/335

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 10 USPATFULL on STN

AN 2003:13360 USPATFULL

TI Trifunctional olefinic-capped polymers and compositions that include  
such polymers

IN Righettini, Robin F., Apex, NC, United States

PA Lord Corporation, Cary, NC, United States (U.S. corporation)

PI US 6506844 B1 20030114

AI US 2002-224804 20020821 (10)

RLI Division of Ser. No. US 1999-330731, filed on 11 Jun 1999, now patented,  
Pat. No. US 6444757

DT Utility

FS GRANTED

LN.CNT 950

INCL INCLM: 525/302.000  
INCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/302.000;  
525/330.300; 525/331.900; 525/440.000; 525/445.000; 525/479.000;  
526/279.000; 526/310.000; 526/313.000; 526/320.000; 526/328.000;  
526/332.000; 526/335.000  
NCL NCLM: 525/302.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;

526/335.000

IC [7]  
ICM: C08F265-04  
EXF 525/54.3; 525/54.4; 525/59; 525/293; 525/302; 525/330.3; 525/331.9;  
525/440; 525/445; 525/479; 526/279; 526/310; 526/313; 526/320; 526/328;  
526/332; 526/335  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 8 OF 10 USPATFULL on STN  
AN 2002:224675 USPATFULL  
TI Trifunctional olefinic-capped polymers and compositions that include  
such polymers  
IN Righettini, Robin F., Apex, NC, United States  
PA Lord Corporation, Cary, NC, United States (U.S. corporation)  
PI US 6444757 B1 20020903  
US 2002128418 A1 20020912  
AI US 1999-330731 19990611 (9)  
DT Utility  
FS GRANTED  
LN.CNT 972  
INCL INCLM: 525/302.000  
INCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000  
NCL NCLM: 525/302.000  
NCL NCLM: 526/319.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000

IC [7]  
ICM: C08F265-04  
EXF 526/279; 526/310; 526/313; 526/320; 526/328; 526/332; 526/335; 525/54.3;  
525/54.4; 525/59; 525/293; 525/302; 525/330.3; 525/331.9; 525/391;  
525/440; 525/445; 525/479  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 10 USPAT2 on STN  
AN 2003:45420 USPAT2  
TI Trifunctional olefinic-capped polymers and compositions that include  
such polymers  
IN Righettini, Robin F., Apex, NC, United States  
PA Lord Corporation, Cary, NC, United States (U.S. corporation)  
PI US 6562910 B2 20030513  
AI US 2002-224885 20020821 (10)  
RLI Division of Ser. No. US 1999-330731, filed on 11 Jun 1999, now patented,  
Pat. No. US 6444757  
DT Utility  
FS GRANTED  
LN.CNT 969  
INCL INCLM: 525/302.000  
INCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000  
NCL NCLM: 525/302.000  
NCL NCLM: 525/302.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000

IC [7]  
ICM: C08F265-04  
EXF 525/54.3; 525/54.4; 525/59; 525/293; 525/302; 525/330.3; 525/331.9;  
525/440; 525/445; 525/479; 526/279; 526/310; 526/313; 526/320; 526/328;  
526/332; 526/335  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 10 OF 10 USPAT2 on STN  
AN 2002:224675 USPAT2  
TI TRIFUNCTIONAL OLEFINIC-CAPPED POLYMERS AND COMPOSITIONS THAT INCLUDE  
SUCH POLYMERS  
IN RIGHETTINI, ROBIN F., APEX, NC, UNITED STATES  
PI US 2002128418 A1 20020912  
AI US 1999-330731 A1 19990611 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 1102  
INCL INCLM: 526/319.000  
NCL NCLM: 525/302.000  
NCL NCLM: 526/319.000  
NCLS: 525/054.300; 525/054.400; 525/059.000; 525/293.000; 525/330.300;  
525/331.900; 525/440.000; 525/445.000; 525/479.000; 526/279.000;  
526/310.000; 526/313.000; 526/320.000; 526/328.000; 526/332.000;  
526/335.000  
IC [7]  
ICM: C08F118-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s glycidyl pentafluorophenyl ether# or glycidyl pentafluorophenylether#  
L3 0 GLYCIDYL PENTAFLUOROPHENYL ETHER# OR GLYCIDYL PENTAFLUOROPHENYLE  
THER#

=> s 2,2'-dimethyl-1,3-dioxolone-4-methanol pentafluorophenyl ether#  
MISMATCHED QUOTE '2,2'-DIMETHYL-'  
Quotation marks (or apostrophes) must be used in pairs,  
one before and one after the expression you are setting  
off or masking.

=> s 2,2-dimethyl-1,3-dioxolone-4-methanol pentafluorophenyl ether#  
3 FILES SEARCHED...  
4 FILES SEARCHED...  
5 FILES SEARCHED...  
7 FILES SEARCHED...  
L4 0 2,2-DIMETHYL-1,3-DIOXOLONE-4-METHANOL PENTAFLUOROPHENYL ETHER#

=> s pentafluorophenyl ether#  
L5 13 PENTAFLUOROPHENYL ETHER#

=> s l5 and polyether#  
L6 3 L5 AND POLYETHER#

=> d l6 1-3

L6 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2005 Univention on STN  
AN 2005003081 PCTFULL ED 20050118 EW 200502  
TIEN SULFONIMIDE CONTAINING COMPOUNDS AND THEIR USE IN POLYMER ELECTROLYTE  
MEMBRANES FOR ELECTROCHEMICAL CELLS  
TIFR COMPOSES CONTENANT DU SULFONIMIDE ET LEUR UTILISATION DANS DES MEMBRANES  
ELECTROLYTES EN POLYMERES POUR CELLULES ELECTROCHIMIQUES  
IN TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US]  
PA E.I. DUPONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
19898, US [US, US], for all designates States except US;  
TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US], for  
US only  
AG FICKES, Daphne, P., E. I. Du Pont De Nemours and Company, Legal Patent  
Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
LAF English  
LA English  
DT Patent  
PI WO 2005003081 A2 20050113  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
 ZW  
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
 SL TJ TR TT UA UG UZ YU  
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2004-US20705 A 20040625  
 PRAI US 2003-60/482,925 20030627  
 ICM C07C303-00

L6 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2005001979 PCTFULL ED 20050112 EW 200501  
 TIEN FLUORINATED SULFONAMIDE COMPOUNDS AND POLYMER ELECTROLYTE MEMBRANES  
 PEPAED THEREFROM FOR USE IN ELECTROCHEMICAL CELLS  
 TIFR COMPOSES DE SULFONAMIDE FLUORE ET MEMBRANES D'ELECTROLYTES POLYMERES  
 PREPARES A PARTIR DE CES COMPOSES EN VUE D'UNE UTILISATION DANS DES  
 CELLULES ELECTROCHIMIQUES  
 IN TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US];  
 YANG, Zhen-Yu, 177 Thompson Drive, Hockessin, DE 19707, US [US, US]  
 PA E.I. DUPONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US], for all designates States except US;  
 TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US], for  
 US only;  
 YANG, Zhen-Yu, 177 Thompson Drive, Hockessin, DE 19707, US [US, US], for  
 US only  
 AG FICKES, Daphne, P., E. I. Du Pont De Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2005001979. A2 20050106  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
 ZW  
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
 SL TJ TR TT UA UG UZ YU  
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2004-US20703 A 20040625  
 PRAI US 2003-60/482,927 20030627  
 ICM H01M008-10  
 ICS C07D235-10; C07D271-10; C07C311-03; C08F028-02; H01M008-02

L6 ANSWER 3 OF 3 USPATFULL on STN  
 AN 90:76823 USPATFULL  
 TI Pesticidal 2-fluoroethyl ethers  
 IN Roush, David M., Princeton, NJ, United States  
 Shaw, Donald A., Philadelphia, PA, United States  
 Jones, Michael L., Durham, NC, United States  
 Chang, Jun H., Princeton Junction, NJ, United States  
 PA FMC Corporation, Philadelphia, PA, United States (U.S. corporation).  
 PI US 4960884 19901002  
 AI US 1989-399448 19890828 (7)  
 RLI Continuation of Ser. No. US 1989-318437, filed on 2 Mar 1989, now



abandoned which is a continuation of Ser. No. US 1987-64278, filed on 19  
Jun 1987, now abandoned  
DT Utility  
FS Granted  
LN.CNT 1216  
INCL INCLM: 514/721.000  
INCLS: 514/717.000; 514/718.000; 568/630.000; 568/645.000; 568/649.000;  
568/655.000; 568/656.000; 568/658.000; 568/660.000; 568/661.000;  
568/662.000; 568/663.000  
NCL NCLM: 514/721.000  
NCLS: 514/717.000; 514/718.000; 568/630.000; 568/645.000; 568/649.000;  
568/655.000; 568/656.000; 568/658.000; 568/660.000; 568/661.000;  
568/662.000; 568/663.000  
IC [5]  
ICM: C07C076-02  
ICS: C07C079-35; A01N033-18  
EXF 568/588; 568/610; 568/649; 568/655; 568/656; 568/39; 568/630; 568/645;  
568/649; 568/658; 568/660; 568/661; 568/662; 568/663; 562/474; 562/478;  
562/467; 549/78; 514/717; 514/718; 514/721  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 15 1-13

L5 ANSWER 1 OF 13 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN  
AN 1989:30425 EPFULL  
DUPD 19891018 DUPW 198942  
TIEN Pentafluorophenyl derivatives, methods of production of such derivatives  
including optically active derivatives, and method of optical resolution  
of chiral carboxylic acids.  
TIFR Derives pentafluorophenyliques, methodes de leur preparation, les  
derives optiquement actifs inclus, et methode de separation optique  
d'acides carboxyliques chiraux.  
TIDE Pentafluorophenyl derivative, Verfahren zu deren Herstellung einschliesslich  
der optisch aktiven Derivate und Verfahren zur optischen Aufspaltung von  
chiralen Carbonsaeuren.  
IN Takahashi, Osamu c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami  
3-Chome, Toda-shi Saitama-ken, JP;  
Furuhashi, Keizo c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami  
3-Chome, Toda-shi Saitama-ken, JP;  
Umezawa, Junko c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami 3-Chome,  
Toda-shi Saitama-ken, JP  
PA NIKKO KYODO CO., LTD., (KYODO CO., LTD., NIKKO), 10-1, Toranomom  
2-chome, Minato-ku Tokyo, JP  
PAN 264076  
AG Harvey, David Gareth, et al, Graham Watt & Co. Riverhead, Sevenoaks  
Kent TN13 2BN, GB  
AGN 31631  
LAF English  
LA English  
LAP English  
TL German; English; French  
DT Patent  
PIT EPAL Application published with search report  
PI EP 337820 A1 19891018  
DS CH DE GB LI  
AI EP 1989-303752 A 19890417  
PRAI JP 1988-93893 A 19880415  
JP 1988-148003 A 19880617  
JP 1988-222227 A 19880907  
JP 1989-45368 A 19890228  
IC.VER 6  
ICM C07C033-46  
ICS C07C309-63; C07C233-11; C07C057-58; C07C057-72  
AN 1989:30425 EPFULL  
DUPD 19930728 DUPW 199330

TIEN Pentafluorophenyl derivatives, methods of production of such derivatives including optically active derivatives, and method of optical resolution of chiral carboxylic acids.

TIFR Derives pentafluorophenyliques, methodes de leur preparation, les derives optiquement actifs inclus, et methode de separation optique d'acides carboxyliques chiraux.

TIDE Pentafluorophenyl derivative, Verfahren zu deren Herstellung einschliesslich der optisch aktiven Derivate und Verfahren zur optischen Aufspaltung von chiralen Carbonsaeuren.

IN Takahashi, Osamu c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami 3-Chome, Toda-shi Saitama-ken, JP;  
Furuhashi, Keizo c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami 3-Chome, Toda-shi Saitama-ken, JP;  
Umezawa, Junko c/o Nippon Mining Co. Ltd., 17-35, Niizo Minami 3-Chome, Toda-shi Saitama-ken, JP

PA NIKKO KYODO CO., LTD., (KYODO CO., LTD., NIKKO), 10-1, Toranomom 2-chome, Minato-ku Tokyo, JP

PAN 264076

AG Harvey, David Gareth, et al, Graham Watt & Co. Riverhead, Sevenoaks Kent TN13 2BN, GB

AGN 31631

LAF English

LA English

LAP English

TL German; English; French

DT Patent

PIT EPB1 Granted patent

PI EP 337820 B1 19930728

DS CH DE GB LI

AI EP 1989-303752 A 19890417

PRAI JP 1988-93893 A 19880415  
JP 1988-148003 A 19880617  
JP 1988-222227 A 19880907  
JP 1989-45368 A 19890228

REN PATENT ABSTRACTS OF JAPAN, unexamined applications, C field, vol. 6, no. 139, July 28, 1982 THE PATENT OFFICE JAPANESE GOVERNMENT page 134 C 116;  
CHEMICAL ABSTRACTS, Registry Handbook, 1965-1971, Columbus, Ohio, USA;  
CHEMICAL ABSTRACTS, vol. 99, no. 19, November 7, 1983, Columbus, Ohio, USA; T. FUCHIKAMA et al, "Regioselective hydroesterification and hydrocarboxylation of 3,3,3-trifluoropropene and pentafluorostyrene catalyzed by phosphine-palladium complex", page 542, abstract no. 157 528v;  
CHEMICAL ABSTRACTS, vol. 94, no. 15, April 13, 1981, Columbus, Ohio, USA; J. C. BLAZEJEWSKI et al, "Condensation of alpha-beta -unsaturated amines with perfluoroarenes", pages 650, 651, abstract no. 121 001a;  
CHEMICAL ABSTRACTS, vol. 108, no. 15, April 11, 1988, Columbus, Ohio, USA; R. G. PLEVEY et al, "Synthesis of 3-(4-aminotetrafluorophenyl)-3-ethylpiperidine-2,6-dione: a fluorinated derivative of aminogluthetamide", page 729, abstract no. 131 541y

REP EP 81666 A  
DE 1256639 B  
GB 983921 A  
US 3513206 A

IC.VER 6

ICM C07C033-46

ICS C07C309-63; C07C233-11; C07C057-58; C07C057-72

L5 ANSWER 2 OF 13 GBFULL COPYRIGHT 2005 Univentio on STN

AN 2153372 GBFULL ED 20041103

TI Fluid compositions

IN HARNESS, IAN; STANGROOM, JAMES EDWARD

PA NATIONAL RESEARCH DEVELOPMENT CORPORATION

DT Patent

PIT GBA Application published

PI GB 2153372 A 19850821

AI GB 1985-1836 A 19850124

PRAI GB 1984-2068 A 19840126  
ICS C08L003-02; C08L033-00; C08L061-10; C09K003-00

L5 ANSWER 3 OF 13 PCTFULL COPYRIGHT 2005 Univentio on STN  
AN 2005003081 PCTFULL ED 20050118 EW 200502  
TIEN SULFONIMIDE CONTAINING COMPOUNDS AND THEIR USE IN POLYMER ELECTROLYTE  
MEMBRANES FOR ELECTROCHEMICAL CELLS  
TIFR COMPOSES CONTENANT DU SULFONIMIDE ET LEUR UTILISATION DANS DES MEMBRANES  
ELECTROLYTES EN POLYMERES POUR CELLULES ELECTROCHIMIQUES  
IN TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US]  
PA E.I. DUPONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
19898, US [US, US], for all designates States except US;  
TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US], for  
US only  
AG FICKES, Daphne, P., E. I. Du Pont De Nemours and Company, Legal Patent  
Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
LAF English  
LA English  
DT Patent  
PI WO 2005003081 A2 20050113  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW  
W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
SL TJ TR TT UA UG UZ YU  
RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2004-US20705 A 20040625  
PRAI US 2003-60/482,925 20030627  
ICM C07C303-00

L5 ANSWER 4 OF 13 PCTFULL COPYRIGHT 2005 Univentio on STN  
AN 2005001979 PCTFULL ED 20050112 EW 200501  
TIEN FLUORINATED SULFONAMIDE COMPOUNDS AND POLYMER ELECTROLYTE MEMBRANES  
PEPARED THEREFROM FOR USE IN ELECTROCHEMICAL CELLS  
TIFR COMPOSES DE SULFONAMIDE FLUORE ET MEMBRANES D'ELECTROLYTES POLYMERES  
PREPARES A PARTIR DE CES COMPOSES EN VUE D'UNE UTILISATION DANS DES  
CELLULES ELECTROCHIMIQUES  
IN TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US];  
YANG, Zhen-Yu, 177 Thompson Drive, Hockessin, DE 19707, US [US, US]  
PA E.I. DUPONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
19898, US [US, US], for all designates States except US;  
TEASLEY, Mark, F., 118 Eden Road, Landenberg, PA 19350, US [US, US], for  
US only;  
YANG, Zhen-Yu, 177 Thompson Drive, Hockessin, DE 19707, US [US, US], for  
US only  
AG FICKES, Daphne, P., E. I. Du Pont De Nemours and Company, Legal Patent  
Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
LAF English  
LA English  
DT Patent  
PI WO 2005001979 A2 20050106  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW  
W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK

SL TJ TR TT UA UG UZ YU  
RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2004-US20703 A 20040625  
PRAI US 2003-60/482,927 20030627  
ICM H01M008-10  
ICS C07D235-10; C07D271-10; C07C311-03; C08F028-02; H01M008-02

L5 ANSWER 5 OF 13 PCTFULL COPYRIGHT 2005 Univentio on STN  
AN 2004030686 PCTFULL ED 20040421 EW 200416  
TIEN PEPTIDES AND RECOMBINANT PROTEINS MIMICKING INTERFERONS  
TIFR PEPTIDES ET PROTEINES RECOMBINANTES IMITANT LES INTERFERONS  
IN ZAV'YALOV, Vladimir Petrovich, Zavodskaya ulitsa, 10, flat 12.,  
Lyubuchany, Chekhov District, Moscow region, 142380, RU [RU, RU];  
DOLGIKH, Dmitriy Alexandrovich, Ul. Bolshaya Serpukhovskaya ulitsa,  
46-17.445, Moscow, 115093, RU [RU, RU];  
KIRPICHNIKOV, Mikhail Petrovich, Trehgorniy val, 12-2-10, Moscow,  
123022, RU [RU, RU];  
CHERIKOVA, Rita Valerievna, Zelinograd, 1121, Flat 455, Moscow, 103460,  
RU [RU, RU];  
ABDULLAEV, Ziedulla Hikmatullaevich, Ul. Novomoskovskaya, 25, Flat 141,  
Tula, 300045, RU [RU, RU];  
KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI [FI,  
FI]

PA ZAV'YALOV, Vladimir Petrovich, Zavodskaya ulitsa, 10, flat 12.,  
Lyubuchany, Chekhov District, Moscow region, 142380, RU [RU, RU];  
DOLGIKH, Dmitriy Alexandrovich, Ul. Bolshaya Serpukhovskaya ulitsa,  
46-17.445, Moscow, 115093, RU [RU, RU];  
KIRPICHNIKOV, Mikhail Petrovich, Trehgorniy val, 12-2-10, Moscow,  
123022, RU [RU, RU];  
CHERIKOVA, Rita Valerievna, Zelinograd, 1121, Flat 455, Moscow, 103460,  
RU [RU, RU];  
ABDULLAEV, Ziedulla Hikmatullaevich, Ul. Novomoskovskaya, 25, Flat 141,  
Tula, 300045, RU [RU, RU];  
KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI [FI,  
FI]

AG KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI

LAF English  
LA English  
DT Patent

PI WO 2004030686 A1 20040415

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2003-FI736 A 20031007  
PRAI FI 2002-20021774 20021007  
ICM A61K038-04  
ICS A61K038-13; A61K038-21

L5 ANSWER 6 OF 13 PCTFULL COPYRIGHT 2005 Univentio on STN  
AN 2003061683 PCTFULL ED 20030808 EW 200331  
TIEN PEPTIDES FOR ENHANCING RESISTANCE TO MICROBIAL INFECTIONS  
TIFR PEPTIDES DESTINES A AMELIORER LA RESISTANCE A DES INFECTIONS  
MICROBIENNES  
IN NAVOLOTSKAYA, Elena, Vital'evna, District G-9, fl. 72, Puschino, 142290,  
RU [RU, RU];  
ZARGAROVA, Tatiana, Alexandrovna, District AB-23, fl. 10, Pushchino,

142290, RU [RU, RU];  
 ZAVYALOV, Vladimir, Petrovich, ul. Zavodskaya, 10, fl. 12, Lyubuchany,  
 142380, RU [RU, RU];  
 KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI [FI,  
 FI]

PA NAVOLOTSKAYA, Elena, Vital'evna, District G-9, fl. 72, Puschino, 142290,  
 RU [RU, RU];  
 ZARGAROVA, Tatiana, Alexandrovna, District AB-23, fl. 10, Pushchino,  
 142290, RU [RU, RU];  
 ZAVYALOV, Vladimir, Petrovich, ul. Zavodskaya, 10, fl. 12, Lyubuchany,  
 142380, RU [RU, RU];  
 KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI [FI,  
 FI]

AG KORPELA, Timo, Kalevi, Kraatarinkatu 1 D 42, FIN-20610 Turku, FI  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2003061683 A1 20030731  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM  
 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PT SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2003-FI44 A 20030121  
 PRAI FI 2002-20020121 20020123  
 ICM A61K038-08  
 ICS A61P037-02

L5 ANSWER 7 OF 13 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 1998050029 PCTFULL ED 20020514  
 TIEN INHIBITORS OF PROTEIN ISOPRENYL TRANSFERASES  
 TIFR INHIBITEURS DE PROTEINES ISOPRENYLE TRANSFERASES  
 IN SEBTI, Said, M.;  
 HAMILTON, Andrew, D.;  
 AUGERI, David, J.;  
 BARR, Kenneth, J.;  
 DONNER, Bernard, G.;  
 FAKHOURY, Stephen, A.;  
 JANOWICK, David, A.;  
 KALVIN, Douglas, M.;  
 LARSEN, John, J.;  
 LIU, Gang;  
 O'CONNOR, Stephen, J.;  
 ROSENBERG, Saul, H.;  
 SHEN, Wang;  
 SWENSON, Rolf, E.;  
 SORENSEN, Bryan, K.;  
 SULLIVAN, Gerard M.;  
 SZCZEPANKIEWICZ, Bruce G.;  
 TASKER, Andrew S.;  
 WASICK, James I.;  
 WINN, Martin

PA UNIVERSITY OF PITTSBURGH  
 LA English  
 DT Patent  
 PI WO 9850029 A1 19981112  
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
 LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
 TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW  
 AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB  
 GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE  
 SN TD TG

AI WO 1998-US9296 A 19980507  
PRAI US 1997-8/852,858 19970507  
ICM A61K031-38  
ICS A61K031:39; A61K031:40; A61K031:415; A61K031:42; A61K031:425;  
A61K031:44; A61K031:445; A61K031:495; A61K031:505; A61K031:095;  
A61K031:18; C07D; C07D; C07D; C07D; C07D; C07D; C07D; C07C;  
C07C; C07C; C07C; C07C

L5 ANSWER 8 OF 13 USPATFULL on STN  
AN 2005:165868 USPATFULL  
TI Peptides for enhancing resistance to microbial infections  
IN Korpela, Timo Kalevi, Kraatarinkatu, FINLAND  
Navolotskaya, Elena, Puschino, RUSSIAN FEDERATION  
Zargarova, Tatiana Alexandrovna, Pushchino, RUSSIAN FEDERATION  
Zavvalov, Petrovich Vladimir, Lyubuchany, RUSSIAN FEDERATION  
PI US 2005143293 A1 20050630  
AI US 2003-502306 A1 20030123 (10)  
WO 2003-FI44 20030123  
PRAI FI 2003-20020121 20020123  
DT Utility  
FS APPLICATION  
LN.CNT 587  
INCL INCLM: 514/009.000  
INCLS: 514/017.000; 530/317.000; 530/330.000  
NCL NCLM: 514/009.000  
NCLS: 514/017.000; 530/317.000; 530/330.000  
IC [7]  
ICM: A61K038-12  
ICS: A61K038-08; C07K005-12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 13 USPATFULL on STN  
AN 2001:191162 USPATFULL  
TI Inhibitors of protein isoprenyl transferases  
IN Sebti, Said M., Tampa, FL, United States  
Hamilton, Andrew D., Guilford, CT, United States  
Augeri, David J., Kenosha, WI, United States  
Barr, Kenneth J., Chicago, IL, United States  
Fakhoury, Stephen A., Mundelein, IL, United States  
Janowick, David A., Beach Park, IL, United States  
Kalvin, Douglas M., Buffalo Grove, IL, United States  
O'Connor, Stephen J., Wilmette, IL, United States  
Rosenberg, Saul H., Grayslake, IL, United States  
Shen, Wang, Gurnee, IL, United States  
Swenson, Rolf E., Grayslake, IL, United States  
Sorenson, Bryan K., Waukegan, IL, United States  
Sullivan, Gerard M., Round Lake Beach, IL, United States  
Tasker, Andrew S., Simi Valley, CA, United States  
Wasicak, James T., Waterford, WI, United States  
Nelson, Lissa T. J., Highland Park, IL, United States  
Henry, Kenneth J., Fishers, IN, United States  
Wang, Le, Mundelein, IL, United States  
PA University of Pittsburgh, Pittsburgh, PA, United States (U.S.  
corporation)  
PI US 6310095 B1 20011030  
AI US 1998-73794 19980507 (9)  
RLI Continuation-in-part of Ser. No. US 1997-852858, filed on 7 May 1997,  
now abandoned Continuation-in-part of Ser. No. US 1996-740909, filed on  
5 Nov 1996, now abandoned  
PRAI US 1995-7247P 19951106 (60)  
DT Utility  
FS GRANTED  
LN.CNT 17943  
INCL INCLM: 514/539.000  
INCLS: 514/568.000; 560/016.000; 562/426.000  
NCL NCLM: 514/539.000  
NCLS: 514/568.000; 560/016.000; 562/426.000  
IC [7]

ICM: A61K031-192  
ICS: C07C053-134  
EXF 560/16; 562/426; 514/539; 514/568  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 10 OF 13 USPATFULL on STN  
AN 92:31547 USPATFULL  
TI Fluid compositions  
IN Stangroom, James E., Sheffield, England  
Harness, Ian, Sheffield, England  
PA National Research Development Corporation, England (non-U.S. government)  
PI US 5106522 19920421  
AI US 1990-514671 19900425 (7)  
RLI Continuation of Ser. No. US 1986-912772, filed on 26 Sep 1986, now  
abandoned which is a continuation of Ser. No. US 1985-695171, filed on  
25 Jan 1985, now abandoned  
PRAI GB 1984-2068 19840126  
DT Utility  
FS Granted  
LN.CNT 502  
INCL INCLM: 252/073.000  
INCLS: 252/074.000; 252/075.000; 252/078.100; 252/078.300; 252/573.000;  
252/574.000; 252/580.000; 252/581.000  
NCL NCLM: 252/073.000  
NCLS: 252/074.000; 252/075.000; 252/078.100; 252/078.300; 252/573.000;  
252/574.000; 252/580.000; 252/581.000  
IC [5]  
ICM: C09K003-00  
ICS: H01B003-20; C10M105-18  
EXF 252/71; 252/73; 252/74; 252/75; 252/77; 252/78.3; 252/570; 252/573;  
252/574; 252/580; 252/581  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 13 USPATFULL on STN  
AN 91:66994 USPATFULL  
TI Pentafluorophenyl derivatives, methods of production thereof, and method  
of optical resolution of chiral carboxylic acids  
IN Takahashi, Osamu, Toda, Japan  
Furuhashi, Keizo, Toda, Japan  
Umezawa, Junko, Toda, Japan  
PA Nippon Mining Company Limited, Tokyo, Japan (non-U.S. corporation)  
PI US 5041641 19910820  
AI US 1989-336263 19890411 (7)  
PRAI JP 1988-93893 19880415  
JP 1988-148003 19880617  
JP 1988-222227 19880907  
JP 1989-45368 19890228  
DT Utility  
FS Granted  
LN.CNT 917  
INCL INCLM: 562/496.000  
INCLS: 562/840.000; 564/182.000; 564/184.000; 558/053.000; 568/804.000;  
570/127.000  
NCL NCLM: 562/496.000  
NCLS: 558/053.000; 562/840.000; 564/182.000; 564/184.000; 568/804.000;  
570/127.000  
IC [5]  
ICM: C07C053-30  
EXF 562/496; 562/840; 564/188; 564/184; 568/804; 570/127; 558/53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 13 USPATFULL on STN  
AN 90:76823 USPATFULL  
TI Pesticidal 2-fluoroethyl ethers  
IN Roush, David M., Princeton, NJ, United States  
Shaw, Donald A., Philadelphia, PA, United States  
Jones, Michael L., Durham, NC, United States  
Chang, Jun H., Princeton Junction, NJ, United States

PA FMC Corporation, Philadelphia, PA, United States (U.S. corporation)  
PI US 4960884 19901002  
AI US 1989-399448 19890828 (7)  
RLI Continuation of Ser. No. US 1989-318437, filed on 2 Mar 1989, now  
abandoned which is a continuation of Ser. No. US 1987-64278, filed on 19  
Jun 1987, now abandoned  
DT Utility  
FS Granted  
LN.CNT 1216  
INCL INCLM: 514/721.000  
INCLS: 514/717.000; 514/718.000; 568/630.000; 568/645.000; 568/649.000;  
568/655.000; 568/656.000; 568/658.000; 568/660.000; 568/661.000;  
568/662.000; 568/663.000  
NCL NCLM: 514/721.000  
NCLS: 514/717.000; 514/718.000; 568/630.000; 568/645.000; 568/649.000;  
568/655.000; 568/656.000; 568/658.000; 568/660.000; 568/661.000;  
568/662.000; 568/663.000  
IC [5]  
ICM: C07C076-02  
ICS: C07C079-35; A01N033-18  
EXF 568/588; 568/610; 568/649; 568/655; 568/656; 568/39; 568/630; 568/645;  
568/649; 568/658; 568/660; 568/661; 568/662; 568/663; 562/474; 562/478;  
562/467; 549/78; 514/717; 514/718; 514/721  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 13 USPATFULL on STN  
AN 84:11493 USPATFULL  
TI Cyclic analogue of naturally-occurring phagocytosis-stimulant peptide -  
threonyl-cyclo-[-N.sup.e -lysyl-prolyl-arginyl]  
IN Chipens, Gunar I., Riga, USSR  
Veretennikova, Nadezhda I., Riga, USSR  
Atare, Zeltite A., Riga, USSR  
PA Institute Organicheskogo Sinteza, Riga, USSR (non-U.S. corporation)  
PI US 4434095 19840228  
WO 8002141 19801016  
AI US 1980-227055 19801212 (6)  
WO 1980-SU60 19800402  
19801212 PCT 371 date  
19801212 PCT 102(e) date  
PRAI SU 1979-2744960 19790204  
DT Utility  
FS Granted  
LN.CNT 314  
INCL INCLM: 260/112.500R  
NCL NCLM: 530/317.000  
NCLS: 530/330.000; 930/010.000; 930/270.000; 930/DIG.785  
IC [3]  
ICM: C07C103-52  
EXF 260/112.5R  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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Day : Thursday

Date: 8/4/2005

Time: 11:05:43

 PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = HOLLINGSWORTH

First Name = RAWLE

| Application#             | Patent#    | Status | Date Filed | Title  | Inventor Name           |
|--------------------------|------------|--------|------------|--|-------------------------|
| <a href="#">60453432</a> | Not Issued | 159    | 03/10/2003 | AMYLOID PLAQUE AS A TARGET FOR THERAPEUTICS THAT FUNCTION BY BLOCKING OR DISRUPTING CHITIN SYNTHESIS OR ACTIVITY | HOLLINGSWORTH, RAWLE I. |
| <a href="#">60330268</a> | Not Issued | 159    | 10/18/2001 | 3-ALKACYL -5-OXYMETHYL-2-OXAZOLIDINONES WITH ATYPICAL ENANTIOCHEMISTRY AS ANTIBACTERIAL AGENTS                   | HOLLINGSWORTH, RAWLE I. |
| <a href="#">60330266</a> | Not Issued | 159    | 10/18/2001 | PROCESS FOR THE PREPARATION OF A LIBRARY OF OXAZOLIDINONES AND METHOD OF USE THEREOF                             | HOLLINGSWORTH, RAWLE I. |
| <a href="#">60193554</a> | Not Issued | 159    | 03/31/2000 | DI-IMINO-DIDEOXY ALDITOLS FROM HEXULOSONIC ACID OXIMES   | HOLLINGSWORTH, RAWLE I. |
| <a href="#">60087433</a> | Not Issued | 159    | 06/01/1998 | PROCESS FOR THE PREPARATION OF (2,2-DIMETHYL-1,3-DIOXOLAN-4-YLMETHYL) TRIMETHYLAMMONIUM                          | HOLLINGSWORTH, RAWLE I. |
| <a href="#">10988688</a> | Not Issued | 020    | 11/15/2004 | 2-THIAQUINOLIZIDINES AND PROCESS FOR THE PREPARATION THEREOF   | HOLLINGSWORTH, RAWLE I. |
| <a href="#">10984529</a> | Not Issued | 020    | 11/09/2004 | PROCESS FOR THE PREPARATION AND SEPARATION OF ARABINOSE AND XYLOSE   | HOLLINGSWORTH, RAWLE I. |

|                 |                |     |            |   |                            |
|-----------------|----------------|-----|------------|---|----------------------------|
|                 |                |     |            | FROM A MIXTURE OF<br>SACCHARIDES  |                            |
| <u>10802635</u> | Not<br>Issued  | 071 | 03/17/2004 | POLYETHER POLYMERS<br>AND COMPOSITIONS<br>DERIVED THEREFROM   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10795652</u> | Not<br>Issued  | 030 | 03/08/2004 | AMYLOID PLAQUE AS A<br>TARGET FOR<br>THERAPEUTICS THAT<br>FUNCTION BY BLOCKING<br>OR DISRUPTING CHITIN<br>SYNTHESIS OR ACTIVITY | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10439033</u> | <u>6740780</u> | 150 | 05/15/2003 | PROCESS FOR THE<br>PREPARATION OF 1, 5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES                               | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10438491</u> | <u>6831176</u> | 150 | 05/15/2003 | PROCESS FOR THE<br>PREPARATION OF 1, 5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES                               | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10337545</u> | <u>6605724</u> | 150 | 01/07/2003 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES                                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10272877</u> | Not<br>Issued  | 030 | 10/17/2002 | PROCESS FOR THE<br>PREPARATION OF<br>OXAZOLIDINONES AND<br>METHOD OF USE THEREOF  | HOLLINGSWORTH,<br>RAWLE I. |
| <u>10109487</u> | <u>RE38324</u> | 150 | 03/28/2002 | PROCESS FOR THE<br>PREPARATION OF<br>HYDROXY SUBSTITUTED<br>GAMMA<br>BUTYROLACTONES   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09995234</u> | <u>6541601</u> | 150 | 11/27/2001 | UNSATURATED SIDE<br>CHAIN POLYAMIDE<br>POLYMERS   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09971389</u> | <u>6683185</u> | 150 | 10/04/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES                                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09971383</u> | <u>6653482</u> | 150 | 10/04/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO   | HOLLINGSWORTH,<br>RAWLE I. |

|                 |                |     |            |   |                            |
|-----------------|----------------|-----|------------|---|----------------------------|
|                 |                |     |            | HEXITOLS FROM OXIMES<br>OR IMINES   |                            |
| <u>09971381</u> | <u>6649766</u> | 150 | 10/04/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES  | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09971233</u> | <u>6653480</u> | 150 | 10/04/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1, 5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09970866</u> | <u>6590121</u> | 150 | 10/04/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES  | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09946110</u> | <u>6583297</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09946108</u> | <u>6492534</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09946083</u> | <u>6423867</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09946082</u> | <u>6482974</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09945912</u> | <u>6482973</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09945910</u> | <u>6518437</u> | 150 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES                | HOLLINGSWORTH,<br>RAWLE I. |

|                 |                |     |            |   |                            |
|-----------------|----------------|-----|------------|---|----------------------------|
| <u>09945907</u> | Not<br>Issued  | 168 | 09/04/2001 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES  | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09819581</u> | <u>6462197</u> | 150 | 03/28/2001 | PROCESS FOR THE<br>PREPARATION OF 1,5-<br>DIDEOXY-1,5-IMINO<br>HEXITOLS FROM OXIMES<br>OR IMINES                                      | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09666346</u> | <u>6288244</u> | 150 | 09/21/2000 | PROCESS FOR THE<br>PREPARATION OF 3, 4-<br>DIHYDROXYBUTANOIC<br>ACID AND DERIVATIVES<br>THEREOF FROM<br>SUBSTITUTED PENTOSE<br>SUGARS | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09666061</u> | <u>6288238</u> | 150 | 09/19/2000 | PROCESS FOR THE<br>PREPARATION OF 5-<br>HYDROXYMETHYL 2-<br>OXAZOLIDINONE AND<br>NOVEL INTERMEDIATE                                   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09665508</u> | <u>6288239</u> | 150 | 09/19/2000 | 5-TRITYLOXYMETHYL-2-<br>OXAZOLIDINONES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF  | HOLLINGSWORTH,<br>RAWLE    |
| <u>09644173</u> | <u>6395868</u> | 150 | 08/23/2000 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09644172</u> | <u>6392110</u> | 150 | 08/23/2000 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09644171</u> | <u>6392112</u> | 150 | 08/23/2000 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09644168</u> | <u>6492543</u> | 150 | 08/23/2000 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09643889</u> | <u>6388085</u> | 150 | 08/23/2000 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09643888</u> | <u>6399842</u> | 150 | 08/23/2000 | ORDERED   | HOLLINGSWORTH,             |

|                 |                |     |            |  |                            |
|-----------------|----------------|-----|------------|--|----------------------------|
|                 |                |     |            | POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF   | RAWLE I.                   |
| <u>09630765</u> | <u>6414163</u> | 150 | 08/02/2000 | PROCESS AND<br>INTERMEDIATE<br>COMPOUNDS FOR THE<br>PREPARATION OF<br>PYRROLIDINES   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09556532</u> | <u>6239311</u> | 150 | 04/24/2000 | PROCESS FOR THE<br>PREPARATION OF 3,4-<br>DIHYDROXYBUTANOIC<br>ACID AND SALTS AND<br>LACTONES DERIVED<br>THEREFROM                   | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09488938</u> | <u>6274144</u> | 150 | 01/21/2000 | METHOD FOR<br>GENERATING ANTIBODIES<br>TO SACCHARIDE<br>FRAGMENTS  | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09321220</u> | <u>6084131</u> | 150 | 05/27/1999 | PROCESS FOR THE<br>PREPARATION OF<br>PROTECTED<br>DIHYDROXYPROPYL<br>TRIALKYLAMMONIUM<br>SALTS AND DERIVATIVES<br>THEREOF            | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09320989</u> | <u>6040464</u> | 150 | 05/27/1999 | PROCESS FOR THE<br>PREPARATION OF<br>PROTECTED 3-AMINO-1, 2-<br>DIHYDROXYPROPANE<br>ACETAL AND<br>DERIVATIVES THEREOF                | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09317398</u> | <u>6114566</u> | 150 | 05/24/1999 | 4-CYANO-3-HYDROXY<br>BUTANOYL HYDRAZINES,<br>DERIVATIVES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF                               | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09282779</u> | <u>6235930</u> | 150 | 03/31/1999 | PROCESS FOR THE<br>PREPARATION OF 3,4-<br>DIHYDROXYBUTANOIC<br>ACID AND DERIVATIVES<br>THEREOF FROM<br>SUBSTITUTED PENTOSE<br>SUGARS | HOLLINGSWORTH,<br>RAWLE I. |
| <u>09273219</u> | <u>6194529</u> | 150 | 03/19/1999 | ORDERED<br>POLYACETYLENES AND<br>PROCESS FOR THE<br>PREPARATION THEREOF  | HOLLINGSWORTH,<br>RAWLE I. |

|                          |                         |     |            |   |                         |
|--------------------------|-------------------------|-----|------------|---|-------------------------|
| <a href="#">08962365</a> | <a href="#">5808107</a> | 150 | 10/31/1997 | PROCESS FOR THE PREPARATION OF HYDROXY SUBSTITUTED GAMMA BUTYROLACTONES     | HOLLINGSWORTH, RAWLE I  |
| <a href="#">08784367</a> | <a href="#">5851807</a> | 150 | 01/17/1997 | PROCESS FOR BIOLOGICAL MATERIAL CARBON-CARBON BOND FORMATION                | HOLLINGSWORTH, RAWLE I. |
| <a href="#">08141635</a> | <a href="#">5374773</a> | 150 | 10/27/1993 | PROCESS FOR THE PREPARATION OF 3,4-DIHYDROXYBUTANOIC ACID AND SALTS THEREOF | HOLLINGSWORTH, RAWLE I. |

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